Claims

1. A preform of a plastic container particularly designed for packaging foodstuffs comprising a container body with a convex hemispherical bottom, wherein the body (4) has a conical shape that opens upwards and ends with a cylindrical neck (2) surrounded by a flange (3) terminated in a rim (5).
2. The preform according to claim (1) is characterised by that the angle (α) at which the internal body surface (4) opens upwards is greater than the angle (β) at which the external body surface (4) opens upwards, and the thickness (g2) of the cylindrical neck is less than the thickness (g3) of the bottom (6).
3. The preform according to claim (2) is characterised by that the thickness (g1) of the flange (3) surrounding the cylindrical neck (2) is less than 0.3 mm and that the wall thickness (g1) is less than or equal to the wall thickness (g2).
4. The preform according to claim (1) is characterised by that the transition between the cylindrical neck (2) and the surrounding flange (3) is arched.
5. The preform according to claim (1) is characterised by that the flange (3) is deviated from the cylindrical neck (2) at an angle of $(180^0 - \gamma)$, where (γ) lies within a range of 60^0 to 90^0.
6. The preform according to claim (1) is characterised by that the rim (5) of the flange (3) has a annular thickening (5a) on top and underneath it, whose height (h) varies from 1.1 to 2.0 of the flange thickness (g1).
7. The preform according to claim (1) is characterised by that the rim (5) of the flange (3) has a ring-like one-sided thickening (5b) on top of it, whose height (h) varies from 1.1 to 2.0 of the flange thickness (g1).
8. The preform according to claim (1) is characterised by that the rim (5) of the flange (3) has a ring-like one-sided thickening (5c) underneath it, whose height (h) varies from 1.1 to 2.0 of the flange thickness (g1).
9. The preform according to claim (1) is characterised by that the rim (5) of the flange (3) has a rectangular ending (5d) whose height (h) is generally equal to the flange thickness (g1).